

Listing and Amendments to the Claims

This listing of claims will replace the claims that were published in the PCT

Application:

1. (currently amended) Waveguide filter comprising at least one cavity (4)-delimited by at least two inductive irises (7), ~~characterized in that , wherein~~ the filter furthermore comprises at least one floating insert (1)-placed in one of the inductive irises and supported by at least one block of foam.

2. (currently amended) Filter according to Claim 1, ~~characterized in that wherein~~ the floating insert (1)-is placed nearer to the edge of the iris (7)-than to the centre of the iris (7).

3. (currently amended) Filter according to ~~one of Claims 1 or 2,~~ characterized in that it comprises Claim 1, wherein the at least one block of foam is at least one block (93 to 95)-of dielectric foam inside the waveguide.

4. (currently amended) Filter according to Claim 3, ~~characterized in that wherein~~ the floating insert (96, 97)-is printed on the block (93, 95)-of foam.

5. (currently amended) Filter according to ~~one of Claims 3 or 4,~~ characterized in that Claim 3, wherein the foam has a relative dielectric constant of close to 1.

6. (currently amended) Filter according to Claim 5, ~~characterized in that wherein~~ the foam is a polymethacrylate foam.

7. (currently amended) Process for manufacturing a waveguide filter in which a waveguide is made in two parts (90, 92), the waveguide comprising at least one cavity (4)-delimited by two irises (7, 91), ~~characterized in that , wherein~~ before assembling the two parts (90, 92)-of the waveguide, at least one block (93 to 95)-of dielectric foam is placed inside the waveguide, and in that the block (93, 95) supports at least one metallization which forms at least one floating insert (96, 97).

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8. (currently amended) Process according to claim 7,
~~characterized in that the insert (96, 97)~~ is made by a technique of printing on the
foam.